

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 04P401051	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No. PCT/CN2004/001428	International filing date (<i>day/month/year</i>) 08.Dec 2004 (08.12.2004)	Priority date (<i>day/month/year</i>) 19.Dec 2003 (19.12.2003)	
International Patent Classification (IPC) or national classification and IPC E04H6/18(2006.01) i			
Applicant CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) CO., LTD. et al			
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet. 3. This report is also accompanied by ANNEXES, comprising: a. <input type="checkbox"/> (<i>sent to the applicant and to the International Bureau</i>) a total of sheets, as follows: <input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). <input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. <input type="checkbox"/> (<i>sent to the International Bureau only</i>) a total of (indicate type and number of electronic , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).			
4. This report contains indications relating to the following items: <input checked="" type="checkbox"/> Box No. I Basis of the report <input type="checkbox"/> Box No. II Priority <input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability <input type="checkbox"/> Box No. IV Lack of unity of invention <input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement <input type="checkbox"/> Box No. VI Certain documents cited <input type="checkbox"/> Box No. VII Certain defects in the international application <input type="checkbox"/> Box No. VIII Certain observations on the international application			
Date of submission of the demand 21.Apr.2005 (21.04.2005)		Date of completion of this report 05.Apr.2006 (05.04.2006)	
Name and mailing address of the IPEA/CN The State Intellectual Property Office, the P.R.China, 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451		Authorized officer CUI, Ruimei Telephone No. 010-62085019	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/CN2004/001428

Box No. I Basis of the report

1. With regard to the language, this report is based on:

- ☒ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rules 12.3(a) and 23.1(b))
- ☐ publication of the international application (Rule 12.4(a))
- ☐ international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):

- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages _____ as originally filed/furnished
- pages * _____ received by this Authority on _____
- pages * _____ received by this Authority on _____
- ☐ the claims:
- pages _____ as originally filed/furnished
- pages * _____ as amended (together with any statement) under Article 19
- pages * _____ received by this Authority on _____
- pages * _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished
- pages * _____ received by this Authority on _____
- pages * _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. Statement:**

Novelty (N)	Claims 1-50	YES
	Claims	NO
Inventive step (IS)	Claims 1-50	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-50	YES
	Claims	NO

Citations and explanations (Rule 70.7)

Claims 1-50 meet the criteria set out in PCT Article 33(2)-(4).

The written opinion is based on the following documents:

D1—CN1145973A (LI, Kangzhi) 26.Mar.1997

D2—CN2359398A (ZHU, Fengqiao) 19.Jan.2000

D3—CN2516652A (XIE, Mi) 16.Oct.2002

D4—CN2589596A (PAN, Yuan et al) 03.Dec.2003

D5—JP2003120066A (NIPPON STEEL CORP; NITTETSU PLANT DESIGNING CORP) 23.Apr.2003

D6—JP2002327546A (FUJIMOTO YOSUKE) 15. Nov.2002

D7—EP0987384A (STÖLZER PAUL(DE)) 22.Mar.2000

D8—US4413942A (MERCATOR GES FÜR ENTWICKLUNG U(DE)) 08.Nov.1983

Novelty:

None of the documents above disclose a trolley or a parking system using the trolley of claims 1-50: a parking system comprises a loading table, a differential table, a longitudinal driving device, a power mechanism, a power valve station, an electric control system and a trolley which is provided with a moving body having an outer track, a clamping means having a first and a second moving plates and a pair of clamping claws. So the claims 1-50 meet the criteria set out in PCT Article 33(2).

Inventive step:

D1 is the immediate existing technology to the present invention, D1 discloses a stereo parking system, which comprises an automatic transporter and parking structures comprising vertical and horizontal components. However, the transporter of technical solution of D1 has not the clamping means having a first and a second moving plates and a pair of clamping claws. Furthermore, the technical solutions of claims 1-50 can not be obtained from the combination of D1 and the other documents. Therefore, the claims 1-50 meet the criteria set out in PCT Article 33(3).

Industrial applicability:

The subject matter of claims 1-50 can be made or used in industry, so the claims 1-50 meet the criteria set out in PCT Article 33(4).